HP Deskjet 450 Series Mobile Printers

450ci • 450cbi • 450wbt

High-performance printing virtually anytime, anywhere with photo-quality resolution, minimal user intervention and a wide range of wired and wireless connectivity options, including Bluetooth wireless technology.[1]

Quality

- **Uncompromised desktop printing**—High-quality printing at up to 4800 optimized dpi[2] and print speeds of up to 9 ppm black, 8 ppm[3] color.
- **True-to-life photo printing**—New HP PhotoREt IV six-ink technology is available with the purchase of a separate optional photo inkjet print cartridge.
- **Less user intervention**—Specially designed print cartridges deliver up to 450 pages black and 400 pages color so you enjoy reliable, high-quality output without packing extra cartridges.

Mobility

- **Compact, lightweight, and stylish**—HP Deskjet 450 Series printers weigh just 4.2 pounds.
- **Long-lasting lithium-ion battery**—Prints up to 350 pages per charge (standard with the 450cbi and 450wbt, optional with the 450ci).
- **Rugged, durable, and reliable**—Drop-tested up to 2.5 feet (0.5 meters) and designed to withstand shock, vibration, and dramatic changes in temperature and altitude.
- **More uptime and productivity**—Ink back-up mode automatically finishes the job with the remaining cartridge if the black or color cartridge runs out.
- **Pack-and-go sheet feeder**—Integrated, foldable 45-sheet feeder doubles as a durable cover to protect the printer during travel.

Flexibility

- **Bluetooth wireless technology**—Print directly from select Bluetooth wireless technology-enabled PDAs and mobile phones (standard on the HP Deskjet 450wbt, optional on the 450ci and 450cbi).
- **Wide-ranging connectivity**—Both USB and parallel ports for wired connectivity and fast IR.
- **A variety of media and sizes**—Print the kind of document you need, where and when you need it, using specialty photo papers and note cards as well as letter-size paper.
- **OS versatility**—Win 95/98/NT 4.0/2000/ME/XP; Win XP Tablet PC Edition; Mac OS 8.6 or later including OS X; Palm OS v3.x or later; Microsoft Win CE 3.0; and Pocket PC 2000/2002 operating systems.
- **Seamless printing from mobile devices**—Print direct, without additional cables or PC connections, from handhelds, digital cameras, Pocket PCs, Windows notebooks, Macintosh PowerBooks, Palm OS and Win CE handhelds, PDAs, pre-selected digital images from CompactFlash cards and Bluetooth-enabled mobile phones.

[1] Bluetooth is a trademark owned by Bluetooth SIG, Inc. and is used by Hewlett-Packard Company under license.
[2] Up to 4800 x 1200-optimized-dpi color printing on premium photo paper and 1200 x 1200-dpi input
[3] Printing with Bluetooth™ wireless technology will impact print speed; visit www.hp.com/support/Bluetooth for more information.

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1. Foldable, integrated sheet feeder—up to 45-sheet capacity and compatible with a wide range of media including general office paper, transparencies, and glossy photo paper

2. One-touch power, resume, and cancel buttons plus easy-to-read LED indicators

3. Fast Infrared connectivity

4. Simple front door access for easy print cartridge loading and routine maintenance

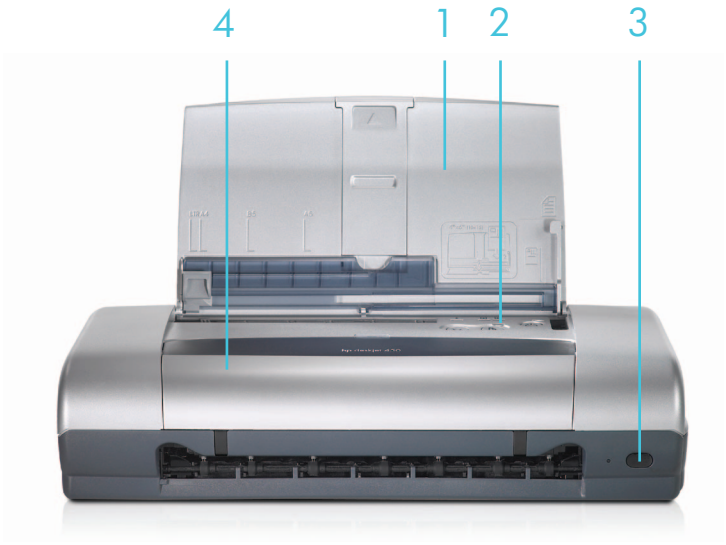
   – Dual carriage, long-lasting print cartridges with optional photo print cartridge for six-ink color printing

5. Long-life lithium-ion battery (standard with 450cbi and 450wbt, optional with 450ci)

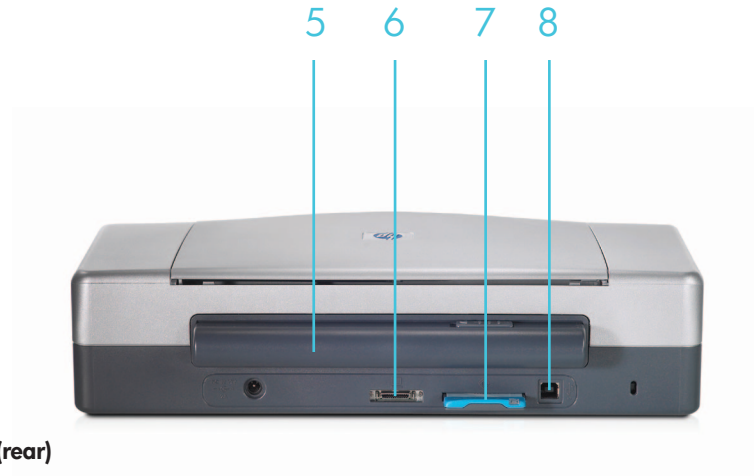
6. Parallel connectivity

7. CompactFlash connectivity

8. USB connectivity



HP Deskjet 450wbt shown (front)



HP Deskjet 450wbt printer shown (rear)

Product highlights

Features that ensure reliable mobile printing

- Compact size (13.3 x 3.2 x 7.3 inches) and rugged design—Fits into most notebook computer cases, drop-tested at up to 2.5 feet.
- Optional accessories—12 volt auto/airline adapter and carrying case.
- Longer-lasting ink cartridges—Up to 450-page capacity black cartridge and up to 400-page capacity color cartridge reduce the need to carry extra cartridges.
- Ink back-up mode—If either the black or color cartridge runs out, the printer uses the remaining cartridge to complete the job without interruption.
- Rechargeable lithium-ion battery—Prints up to 350 pages per charge and requires only 1.5 hours to recharge. Plus, you can keep printing while the battery recharges (standard on the 450cbi and 450wbt, optional with 450ci).
- Foldable, integrated sheet feeder—Doubles as a durable cover for the printer.
- Wireless connectivity via Fast IR included on all models. Bluetooth wireless technology is standard on the HP Deskjet 450wbt model (optional on the 450ci and 450cbi models).
- Compatible with Kensington hardware lock.

Enjoy the freedom of wireless mobile printing—virtually anywhere, anytime—with no sacrifice in print speed or quality.

The first-ever mobile printer incorporating Bluetooth wireless technology
When you're on the go 24/7, you need professional mobile tools that give you the competitive edge without weighing you down or holding you up. That's what the HP Deskjet 450 Series delivers—mobile printing with all the quality and speed you've come to expect of a desktop printer. Now you can print virtually anywhere, anytime without having to haul a collection of wires and cables. And now, for the first time ever in a mobile printer, Bluetooth wireless technology (standard on the 450wbt, optional on the 450ci and 450cbi) takes seamless connectivity to an even higher level for total road warrior freedom.

One simple solution for all your mobile printing needs
Print multi-page, high-resolution color documents easily and fast (9 ppm in black and up to 8 ppm in color) while on the road. When you return home, connect to your home PC or Macintosh to continue using your printer. Never worry about connections or transferring files. Simply set up your printer and use the same familiar tools that serve you so well on the road.

Connectivity heightened by Bluetooth wireless technology
As the first-ever mobile printer using Bluetooth wireless technology, the HP Deskjet 450wbt offers a wide range of connectivity options, including Infrared. Now you can enjoy personal wireless freedom with direct printing from Bluetooth wireless technology-enabled mobile devices, as well as notebooks and PDAs. In addition, all HP Deskjet 450 Series printers connect easily to your PC or Macintosh notebook computer, allowing you to print contracts or sales orders just in time for your client's signature. And through your Internet-connected portable device, you can print the latest marketing collateral and price lists. You can even take photos of property, insurance claims, or product prototypes, and print them directly from your camera's CompactFlash card[4].

Cost-effective and easy to maintain
Your most valuable assets—your time and your clients—are protected by the built-in quality, efficiency, and durability of the HP Deskjet 450 Series. Longer-lasting, high-capacity print cartridges save time by reducing user intervention and save money by reducing cartridge replacement. The compact, long-lasting lithium-ion battery has the power to keep up with the busiest users, printing up to 350 pages per charge. The unique ink back-up mode helps keep you up and running by finishing print jobs even after one cartridge runs out. And printer, battery, and print cartridges have been environment-tested to withstand the rigors of travel including shock, vibration and temperature change. Setup is easy, too; the integrated, fold-up paper tray lets you print on your client's desk, in your hotel room, in the car, even on a plane!

Service and support from HP
When you're traveling you need to know that your business tools are always ready and working at their optimum capability. HP's reliability and award-winning Customer Care ensure your productivity. All printers in the HP Deskjet 450 Series come with a one-year limited warranty backed by phone support from award-winning HP Customer Care. You can also increase your support with an HP Express Exchange Care Pack.

A complete mobile solution from a trusted partner
Customers around the world count on HP to provide business-critical support that gets results and contributes to business success. The HP mobile product portfolio ensures reliability, compatibility, and high-quality performance when and where you need it most—including notebook computers, handheld PCs and PDAs, digital cameras, and digital projectors.

[4] Applies to digital cameras that support Digital Print Order Format (DPOF v1.1)

HP Deskjet 450 Series Mobile Printers

Technical specifications	HP Deskjet 450ci (product number: C8111A)	HP Deskjet 450cbi (product number: C8112A)	HP Deskjet 450wbt (product number: C8145A)
Duty cycle, monthly	Up to 500 pages per month, letter		
Print speed (ppm)	**Black: draft:** 9, **normal:** 5, **best:** 1.6; **color: draft:** 8, **normal:** 2, **best:** 1; **full page color photo: draft:** 0.5, **normal:** .03, **best:** 0.14[1]; **4 x 6-inch color photo: draft:** 1.1, **normal:** 0.7, **best:** 0.4		
Resolution	**Black:** 1200 x 1200 dpi; **color:** 4800 x 1200 dpi on photo paper		
Memory	16 MB RAM/4 MB ROM		
Connectivity, std	Parallel, USB, Fast Infrared, CompactFlash Type I card slot		Bluetooth wireless technology, parallel, USB, Fast Infrared, CompactFlash card slot
Printer dimensions	13.3 x 3.2 x 6.5 in	13.3 x 3.2 x 6.5 in	13.3 x 3.2 x 7.3 in with battery
Printer weight	4.2 lb (1.98 kg)	4.6 lb	4.6 lb
Input capacity	45-sheet input tray		
Media			
Type	Copier, bond, recycled, multipurpose, premium inkjet, premium inkjet heavyweight, premium transparency, premium plus photo paper, photo paper, professional brochure (matte and glossy), labels, and cards		
Sizes	Letter, cards, executive, legal		
Weights	17 to 24 lb bond paper, 110 lb cardstock (maximum)		
Print languages, std	HP PCL 3 enhanced		
Print technology, std	HP Thermal Inkjet, Print technology resolution: HP PhotoREt III		
Print technology, opt	HP PhotoREt IV[2]		
Operating systems	Microsoft® Windows 95, 98, NT 4.0, 2000, ME, XP, XP 64-bit, CE 3.0 and later, Microsoft for PocketPC; Mac OS 8.6 and above (including OS X); Palm OS 3.0 and later		
What's in the box	HP Deskjet 450ci mobile printer, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, HP 56 black print cartridge (19 ml), HP 57 tri-color print cartridge (17 ml)	HP Deskjet 450cbi mobile printer, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, HP 56 black print cartridge (19 ml), HP 57 tri-color print cartridge (17 ml), fast-charging, long lasting lithium-ion battery	HP Deskjet 450wbt mobile printer, HP Bluetooth Printer card, A/C adapter, power cord, parallel printer cable, reference guide, setup roadmap, regulatory guide, printer software CD-ROM, HP 56 Black print cartridge (19 ml), HP 57 Tri-color print cartridge (17 ml), fast-charging, long lasting lithium-ion battery

[1] Up to 4800 x 1200 optimized dpi color printing on HP Premium Photo Paper and 1200 x 1200 input data; requires a large amount of disk space
[2] Enabled in six-ink printing, available with separate purchase of photo cartridge; not included

Font capabilities
13 built-in fonts in portrait orientation: CG Times, CG Times Italic, Universe, Universe Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic

Environmental ranges
- Operating temperatures: 32 to 131° F (0 to 55° C)
- Storage temperatures: -40 to158° F (-40 to 70° C)
- Operating humidity: 20 to 80% RH non-condensing

Acoustics
- Sound pressure: 45 dB(A)
- Sound power: 5.8 B(A)

Power requirements 100 to 240 AC, 50/60 Hz, 19 VDC, 3.16A (A/C adapter)

Power consumption
- Maximum printing: 25 watts
- Maximum non-printing: 5 watts
- Maximum consumption while battery is charging: 53 watts
- Off: <2 watts

Power certification
- Safety certification: UL, CSA
- Electromagnetic compatibility: FCC Title 47 CFR Part 15 Class B, ICES
- ENERGY STAR® compliant

Warranty One-year limited warranty

Ordering information

Product number	HP product
C8111A	HP Deskjet 450ci printer (base model)
C8112A	HP Deskjet 450cbi printer (base model plus battery)
C8145A	HP Deskjet 450wbt printer (450cbi plus Bluetooth printercard)
Service and support	
H3683A/E	HP Care Pack, 3-year, next-day exchange warranty
U3520PE	HP Care Pack, 1 year, next-day exchange post warranty
Supplies and accessories	
C8222A	HP lithium-ion battery
C8231A	Parallel printer cable
C6518A	USB cable
C8257A	HP 12V auto/airline adapter
C8232A	HP carrying case for notebook and mobile printer
C8233A	HP travel holder for black or photo print cartridges
C8249A	HP Bluetooth printer card
C8242A	HP compact carrying case for mobile printer and ultraportable notebook
C8246A	AC adapter
Print cartridges	
C6656AN	HP 56 Black inkjet print cartridge, 19 ml
C6657AN	HP 57 Tri-color inkjet print cartridge, 17 ml
C6658AN	HP 58 Tri-color photo inkjet print cartridge, 17 ml
Media	
HPM1120	HP Multipurpose paper, Letter, 500 sheets
HPP1122	HP Printing paper, Letter, 500 sheets
HPC8511	HP Office paper, Letter, 500 sheets
HPE1120	HP Office recycled paper, 500 sheets
HPEB250	HP Bright white inkjet paper, Letter, 250 sheets
51634Z	HP Premium inkjet paper, Letter, 200 sheets
C1852A	HP Premium inkjet heavyweight paper, Letter, 100 sheets
C6979A	HP Premium photo paper, Glossy, Letter, 50 sheets

For a complete list of printing materials and selection numbers, please refer to our website at www.hp.com

HP recommends Microsoft® Windows® XP Professional for mobile computing.

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